

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L19   | 1    | ("4461053").PN.   | US-PGPUB;<br>USPAT                       | OR               | OFF     | 2009/09/21<br>11:57 |
| S1    | 4    | ((("4,683,604") or<br>("6,345,406") or<br>("20030046780") or<br>("20040016073"))).PN. | US-PGPUB;<br>USPAT                       | OR               | OFF     | 2009/09/19<br>17:52 |
| S2    | 4    | lai with joo.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/19<br>17:53 |
| S3    | 128  | (15/176.4).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/09/19<br>17:54 |
| S4    | 363  | (15/176.1).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/09/19<br>17:59 |
| S5    | 2456 | (15/167.1).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/09/19<br>18:12 |
| S6    | 1    | S3 and toothbrush same<br>exchang\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/19<br>19:29 |
| S7    | 4    | S4 and toothbrush same<br>exchang\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/19<br>19:29 |
| S8    | 44   | S5 and toothbrush same<br>exchang\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/19<br>19:30 |
| S9    | 218  | S5 and toothbrush same<br>replac\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/19<br>19:32 |
| S10   | 37   | S4 and toothbrush same<br>replac\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/19<br>19:39 |
| S11   | 110  | (15/176.5).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/09/20<br>08:45 |
| S12   | 133  | (15/176.2).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/09/20<br>08:57 |
| S13   | 144  | (15/176.3).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/09/20<br>09:06 |

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| S14 | 996 | (15/145).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/20<br>09:12 |
| S15 | 805 | (15/144.1).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/20<br>09:27 |
| S16 | 34  | S11 and toothbrush   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/20<br>09:28 |
| S17 | 24  | S12 and toothbrush   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/20<br>09:29 |
| S18 | 10  | S13 and toothbrush   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/20<br>09:30 |
| S19 | 85  | S14 and toothbrush   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/20<br>09:31 |
| S20 | 56  | S15 and toothbrush   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/20<br>09:34 |
| S21 | 34  | ("1908510"   "4543679"  <br>"4890349"   "5339482"  <br>"5396679"   "5555590"  <br>"5630244"   "D328392"  <br>"D362963").PN. OR<br>("5864915").URPN.                            | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/09/20<br>09:42 |
| S22 | 19  | ("0824087"   "0846900"  <br>"1378157"   "2251853"  <br>"2545814"   "2618003"  <br>"3879791"   "4890349"  <br>"5242235"   "5412831"  <br>"6145152").PN. OR<br>("6704965").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/09/20<br>09:43 |
| S23 | 21  | ("3088148"   "4461053").<br>PN. OR ("4683604").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/09/20<br>09:44 |
| S24 | 39  | ("1758632"   "1887913"  <br>"2175278"   "2287327"  <br>"2362159"   "2503134"  <br>"2668973"   "2875458"  <br>"3369265"   "4020521").<br>PN. OR ("5058230").<br>URPN.           | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/09/20<br>09:49 |
| S25 | 15  | ("1435641"   "1800993"  <br>"2668973"   "4890349").<br>PN. OR ("5247718").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/09/20<br>09:50 |

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| S26 | 10 | ("2185867"   "5165135"   "5394584").PN. OR ("5673453").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:50 |
| S27 | 20 | ("4395943"   "4683604"   "4888844"   "5010906"   "5058230"   "5253948"   "5373599"   "5438726"   "5749381"   "5781958"   "5850659"   "5851116"   "5875510"   "5881425"   "6006394"   "6145152"   "D336368"   "D344414").PN. OR ("6345406").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:52 |
| S28 | 38 | ("1774283"   "1859425"   "2950134"   "3072938"   "3369265"   "3738762"   "3749503"   "3755848"   "3991776"   "4598437"   "4683604"   "4850735"   "4890349"   "5058230"   "5224234"   "5247716"   "5247718"   "5253948"   "5369831"   "5396679"   "5412831"   "5555590"   "5737792"   "5875510"   "6145152"   "D323745"   "D336368"   "D378250").PN. OR ("6546585").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:53 |
| S29 | 17 | ("1887913"   "2558332"   "4598437"   "4731896"   "5148657"   "5342284"   "5581838"   "6067684"   "6079075"   "6151745"   "6192544"   "D341254").PN. OR ("6671919").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:54 |
| S30 | 36 | ("1947720"   "2090144"   "3181189"   "3256031"   "3536410").PN. OR ("3879139").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:55 |
| S31 | 59 | ("2094240").PN. OR ("4109339").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:56 |
| S32 | 43 | ("0651841"   "1796001"   "2154352"   "2418344"   "2438268"   "2445657"   "2527931"   "2622260"   "2668973"   "2706825"   "2772433"   "2807820"   "3103680"   "3271805"   "4128910").PN. OR ("4227276").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/20 09:58 |

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| S33 | 45 | ("1797946"   "1800993"  <br>"1908510"   "1910304"  <br>"1947720"   "2225331"  <br>"2517029"   "2618003"  <br>"3103680"   "4362174"  <br>"4411041"   "4543679"  <br>"4754516"   "4890349"  <br>"4890732"   "5005246"  <br>"5247716"   "5369831"  <br>"5412831"   "5615443").<br>PN. OR ("5737792").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>09:59 |
| S34 | 19 | ("3181189"   "3369265"  <br>"4780924"   "5224234"  <br>"5412831"   "5737792"  <br>"5875510").PN. OR<br>("6237183").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>10:03 |
| S35 | 70 | ("0959574"   "1251250"  <br>"1407214"   "1415898"  <br>"1567507"   "1625537"  <br>"1667464"   "1682325"  <br>"1797946"   "1908510"  <br>"1944797"   "1963389"  <br>"1968303"   "2056447"  <br>"2638614"   "2648082"  <br>"2668973"   "2706825"  <br>"2772433"   "3081783"  <br>"3128487"   "3271805"  <br>"3553759"   "4104759"  <br>"4362174"   "4472853"  <br>"4543679"   "4890349"  <br>"4890732").PN. OR<br>("5224234").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>10:04 |
| S36 | 15 | ("1475789"   "3879139"  <br>"5184719"   "5369831"  <br>"5471701"   "5528786"  <br>"5555590"   "5581838"  <br>"5737792"   "5934295").<br>PN. OR ("6039050").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>10:07 |
| S37 | 32 | ("1908511"   "2277682"  <br>"3010131"   "3067446"  <br>"3879139"   "4030845"  <br>"4227276"   "4362174"  <br>"4890349"   "4890732"  <br>"5228166"   "5247716"  <br>"5511276"   "5564152"  <br>"5737792"   "D307207").<br>PN. OR ("6079075").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>10:28 |
| S38 | 19 | ("5120225"   "5186627").<br>PN. OR ("5528786").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>10:30 |

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| S39 | 67 | ("1212001"   "1265536"  <br>"1557244"   "1620330"  <br>"1947324"   "2660745"  <br>"4048690"   "4156620"  <br>"4274173"   "4545087"  <br>"5068939"   "5070567").<br>PN. OR ("5186627").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/20<br>10:38 |
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